

APR 28 2003

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PATENT & TRADEMARK OFFICE


**FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT**
ATTY. DOCKET NO.
20784/5SERIAL NO.
09/745,883

APPLICANT(S): Demuth et al.

FILING DATE:
December 21, 2000ART UNIT:
1653**UNITED STATES PATENT DOCUMENTS**

EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
CMK	AB	3,174,901	03/23/1965	Sterne	167	65	
	AC	3,879,541	04/22/1975	Kabbe et al.	424	326	
	AE	4,028,402	06/07/1977	Fischer et al.	260	501.14	
	AH	5,462,928	10/31/1995	Bachovchin et al.	514	19	
	AJ	5,543,396	08/06/1996	Powers et al.	514	19	
	AM	5,939,560	08/17/1999	Jenkins et al.	548	535	
CMK	AN	6,006,753	12/28/1999	Efendic	128	898	

FOREIGN PATENT DOCUMENTS

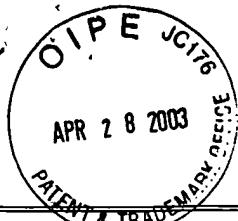
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
CMK	BA	WO 01/62266 A2	08/30/2001	PCT	A61K	38/00	Y
	BO	WO 00/01849	01/13/2000	PCT	C12Q	1/68	Y
	BQ	DD 296 075 A5	11/21/1991	Germany	C07D	295/04	Y
	BT	EP 0 995 440 A1	04/26/2000	EPO English abstract only	A61K	31/425	N
	BU	WO 91/11457	08/08/1991	PCT	C07K	7/34	Y
	BV	WO 91/16339	10/31/1991	PCT	C07K	5/10	Y
	BW	WO 98/19998	05/14/1998	PCT	C07D	207/00	Y
	BX	WO 91/17767	11/28/1991	PCT	A61K	37/54	Y
CMK	BY	JP 04-288098	10/13/1992	JP English abstract only	A61K	37/64	Abstract Only

Examiner:

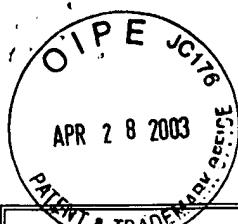
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)				
<i>CHK</i>	CC	The Merck Index, 12 th Edition, <u>An Encyclopedia of Chemicals, Drugs, and Biologicals</u> , 1996, Page 1014.		
	CE	<u>Martindale The Extra Pharmacopoeia</u> , 30 th Edition, London Pharmaceutical Press, 1993, Page 36.		
	CP	DURINX, C.; et al.; "Reference Values for Plasma Dipeptidyl-Peptidase IV activity and their Association with Other Laboratory Parameters". <u>Clin Chem Lab Med</u> 2001, February; 39 (2) :155-9, 1 page.		
	CQ	GOSSRAU, R.; "Cytochemistry of Membrane Proteases". <u>Histochem J</u> , 1985, July; 17 (7) :737-71, 1 page.		
	CR	HAHN, T.; et al.; "Enzyme Histochemical Evidence for the Presence of Potential Blood Pressure Regulating Proteases in Cultured Villous Explants from Human First Trimester Placentae". <u>Acta Histochem</u> 1993, December, 95 (2) :185-92, 1 page.		
	CS	HEYMANN, E. et al., "Has Dipeptidyl Peptidase IV an Effect on Blood Pressure and Coagulation." <u>Klin Wochenschr</u> , 1984, January, 2;62 (1) :2-10, 1 page.		
	CT	MAGYAR, C.E. et al., "Proximal Tubule Na Transporter Responses are the same during Acute and Chronic Hypertension." <u>Am J. Physiol Renal Physiol</u> , 2000, August; 279 (2) :F358-69, 1 page.		
	CU	PAPIES, B. et al., "Isoenzyme (Lactate Dehydrogenase, Aspartate Aminotransferase) and Dipeptidyl Peptidase IV Activity Changes in Blood Plasma Likely Indicative of Organ Involvement due to Arterial Hypertension." <u>Cor Vasa</u> , 1991; 33 (3) :218-26, 1 page.		
	CV	QURESHI, N.U.; et al., "Endogenous Neuropeptide Y Mediates Vasoconstriction during Endotoxic and Hemorrhagic Shock". <u>Regul Pept</u> , 1998, September 25; 75-76:215-20, 1 page.		
	CW	Index Nominum, <u>International Drug Directory 1992/1993</u> , Medpharm Scientific Publishers, pages 728-729.		
	CX	The Merck Index, <u>An Encyclopedia of Chemicals and Drugs</u> , 9 th Edition, Merck & Co., Inc., 1976, page 773		
	CY	C.J. Bailey et al., New Antidiabetic Drugs, Smith-Gordon Nishimura, 1990, p. 36		
	CAA	C.B. Welch, <u>Medical Management of Non-Insulin-Dependent (Type II) Diabetes</u> , 3 rd edition, American Diabetes Association, "Diagnosis and Classification" p. 3, 1994, Pharmacologic Intervention (2 pages).		
	CAB	Mannucci et al., <u>Diabetes Care</u> , "Effect of Metformin on Glucagon-Like Peptide 1 (GLP-1) and Leptin Levels in Obese Nondiabetic Subjects", 24(3): 489-494, March 2001.		
	CAC	Stryer, <u>Biochemistry</u> 3 rd Ed., "Protein Conformation, Dynamics, and Function", 1988, p 191-193.		
<i>CHK</i>	CAD	Pauly et al., <u>Regulatory Peptides</u> , "Abstracts Issue: Abstracts from the 11 th International Symposium on Regulatory Peptides", July 15, 1996, 64(1-3): 148 plus cover.		
Examiner: <i>BL</i> /r		Date: <i>7/16/03</i>		



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<i>CMK</i>	CAE	Gutniak et al., <u>New England Journal of Medicine</u> , "Antidiabetogenic Effect of Glucagon-like peptide-1 (7-36) Amide in Normal Subjects and Patients With Diabetes Mellitus", 1992, 326: 1316-1322.		
	CAJ	H.A. Smith et al., <u>Veterinary Pathology</u> (fourth edition), "Diseases and Disorders of Metabolism: Deficiency Diseases", (1972), p 1018-1020.		
	CAK	G.G. Duncan, <u>Diseases of Metabolism (Asian edition)</u> , "Diabetes Mellitus", (1966), p 951-957.		
	CAL	T.J. Kieffer et al., "Degradation of Glucose-Dependent Insulinotropic Polypeptide and Truncated Glucagon-Like Peptide 1 In Vitro and In Vivo by DP IV", <u>Endocrinology</u> , Vol. 136(8), (1995), p 3585-3596.		
	CAM	C.F. Deacon et al., <u>Diabetes</u> , "Both Subcutaneously and Intravenously Administered Glucagon-Like Peptide I Are Rapidly Degraded from the NH ₂ -Terminus in Type II Diabetic Patients and in Healthy Subjects", September 1995, 44: 1126-1131.		
	CAO	<u>Vidal</u> , (1993), 69 th Edition, p. 612-613.		
	CAP	<u>Goodman & Gilman's The Pharmacological Basis of Therapeutics</u> , Ninth Edition, (1996), p. 1510.		
<i>CMK</i>	CAQ	Nathan et al., <u>Diabetes Care</u> , "Insulinotropic Action of Glucagonlike Peptide-1-(7-37) in Diabetic and Nondiabetic Subjects", February 1992, 15(2): 270-275.		
	CAR	<u>Pschyrembel, Klinisches Wörterbuch</u> 257. Auflage, (1994), 9 pages.		
<i>CMK</i>	CAS	Frohman et al., <u>Journal of Clin. Invest.</u> , "Rapid Enzymatic Degradation of Growth Hormone-releasing Hormone by Plasma in Vitro and in Vivo to a Biologically Inactive Product Cleaved at the NH ₂ Terminus", Volume 78, October 1986, p 906-913		
	CAT	Snow et al., <u>Advances In Medicinal Chemistry</u> , "Boronic Acid Inhibitors of Dipeptidyl Peptidase IV: A New Class of Immunosuppressive Agents", Vol. 3, (1995), p 149-177.		
	CAW	Ashworth et al., <u>BIOORG. MED. CHEM. LETT.</u> , "2-Cyanopyrrolidides as Potent, Stable Inhibitors of Dipeptidyl Peptidase IV", (1996), 6(10): 1163-1166.		
	CAX	Endroczi et al., <u>ACTA PHYSIOL. HUNG.</u> , "Dipeptidyl peptidase IV (DP IV) and Superoxide Dismutase Activity in Thymus-Derived Lymphocytes: Effects of Inhibitory Peptides and Zn ²⁺ in Vitro", (1990), 75(1): 35-44.		
	CAY	Lee, H.S. et al., "Cathepsin B Inhibitory Peptides Derived from β-Casein," <u>Peptides</u> 21 (2000) 807-809.		
<i>CMK</i>	CAZ	Edwards, J.V. et al., <u>J. Peptide Res.</u> , "Synthesis and Activity of NH ₂ - and COOH-Terminal Elastase Recognition Sequences on Cotton," (1999), 54: 536-543.		
Examiner: <i>CHL/r</i>			Date: <i>7/16/03</i>	